

## INTERNATIONAL SEARCH REPORT

Inten

Application No

PC1/

03/04595

Rec'd PCT/PTO 20 APR 2005

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G02B15/00 G02B3/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/017985 A1 (NOTO GORO ET AL) 30 August 2001 (2001-08-30) cited in the application paragraphs '0121!, '0139!, '0140!; figures 13, 15	1
A	US 6 369 954 B1 (BERGE BRUNO ET AL) 9 April 2002 (2002-04-09) column 3, line 1 - line 52; figure 1 column 5, line 28 - line 64; figure 6 column 5, line 65 - column 7, line 15	1
P, A	WO 03 069380 A (SNOEREN RUDOLPH M ; KUIPER STEIN (NL); FEENSTRA BOKKE J (NL); HENDR) 21 August 2003 (2003-08-21) page 6, line 17 - page 8, line 2; figure 4	1

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \* & \* document member of the same patent family

Date of the actual completion of the international search

14 January 2004

Date of mailing of the international search report

22/01/2004

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I Application No

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Patent document  
cited in search report

Publication  
date

Patent family  
member(s)

Publication  
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US 2001017985	A1	30-08-2001	JP	2001228307 A	24-08-2001
			JP	2001249282 A	14-09-2001
US 6369954	B1	09-04-2002	FR	2769375 A1	09-04-1999
			AT	214164 T	15-03-2002
			CA	2306249 A1	15-04-1999
			DE	69804119 D1	11-04-2002
			DE	69804119 T2	28-11-2002
			EP	1019758 A1	19-07-2000
			ES	2171041 T3	16-08-2002
			WO	9918456 A1	15-04-1999
			JP	2001519539 T	23-10-2001
WO 03069380	A	21-08-2003	WO	03069380 A1	21-08-2003